STRONG
DIGITAL TV

Digital High Definition Satellite Receiver SRT 7505

Abbildung ähnlich

Bedienungsanleitung
User Manual

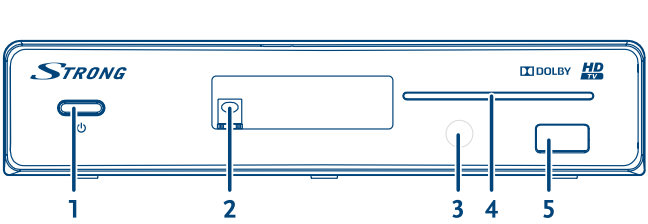
irdeto DVB S2

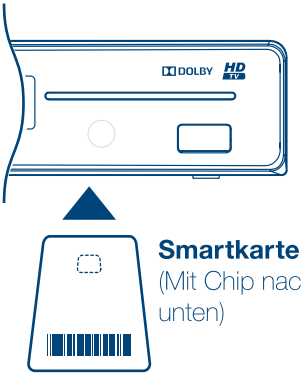
USB Aufnahme | Timeshift | 4000 Kanäle | 20 Timer | TV Info | Tele Text | Untertitel | Digital Audio | Wizard

DiSEqC 1.0 | DOLBY | HD TV

www.strong.tv

Fig. 1





Smartkarte
(Mit Chip nach unten)

Fig. 2

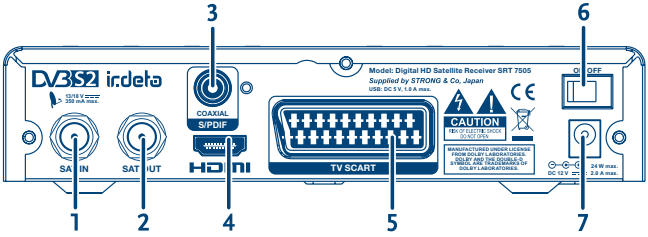


Fig. 3

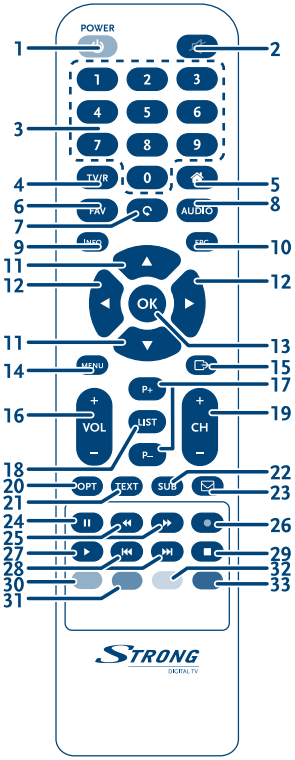


Fig. 4

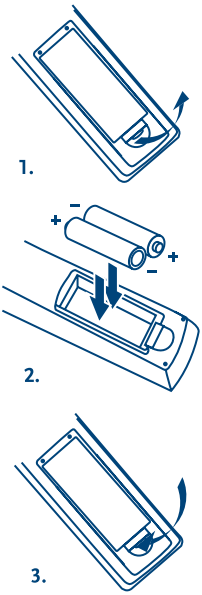


Fig. 5

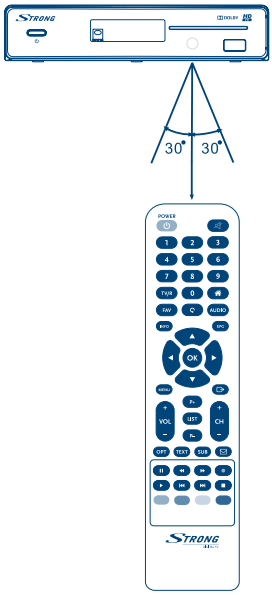


Fig. 6

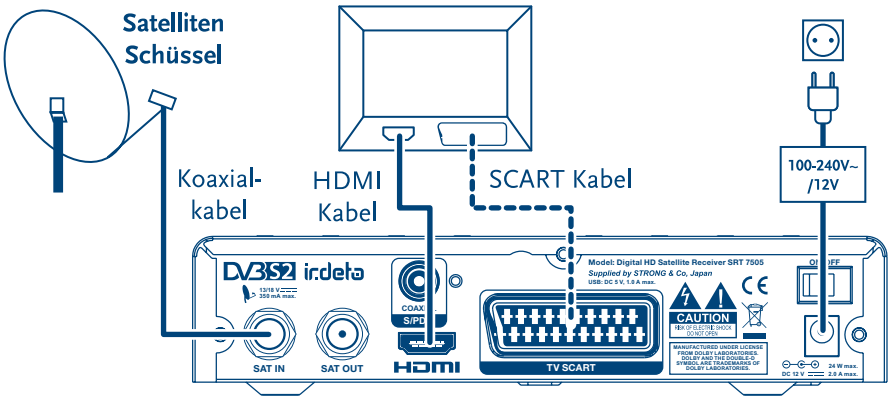


Fig. 7

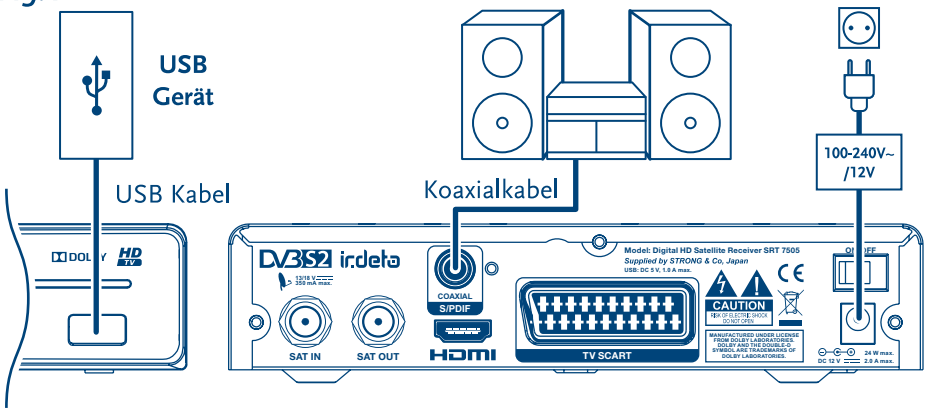
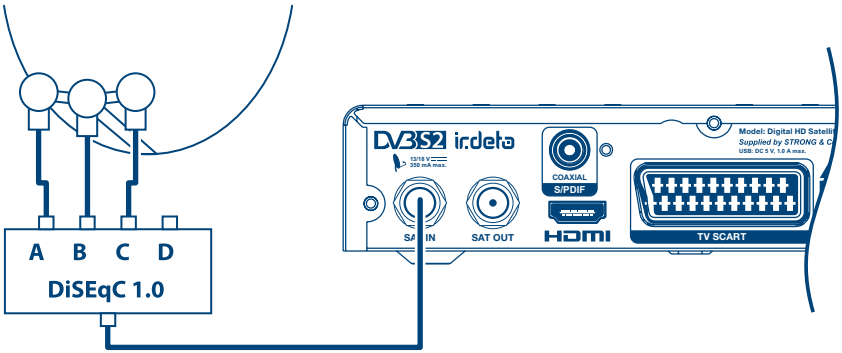


Fig. 8



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29 Dec 2014 19:22

STRONG declares that this item complies with the basic requirements and other relevant regulations of directives CE 2004/108/EC and 73/23/EC, RoHS 2002/95/EC

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1.0 INTRODUCTION

1.1 Safety Instructions

DO NOT INSTALL YOUR RECEIVER:

In a closed or poorly ventilated cabinet; directly on top of or under any other equipment; on a surface which might obstruct the ventilation slots.

DO NOT EXPOSE THE RECEIVER OR ITS ACCESSORIES:

- To direct sunlight or any other equipment that generates heat; to rain or intense moisture; to intense vibration and to any shock which may cause permanent damage to your receiver or to any magnetic objects, such as loudspeakers, transformers, etc.
- Do not use a damaged power cord. It may cause a fire or an electric shock. Do not touch a power cord with wet hands. It may cause an electric shock.
- When the receiver is not used for a long period of time, you should unplug the power cord from the wall socket.
- Do not use alcohol or ammonia based liquids to clean the receiver. If you wish, you may clean your receiver with a soft lint-free cloth slightly made damp with a mild soap solution, and only after disconnecting from the mains voltage supply. Make sure no foreign objects fall through the ventilation slots because this could cause fire or an electric shock.
- Do not place any objects on top of the receiver because this might prevent proper cooling of the components inside.

Safety Precautions

- Never try to open the receiver. It is dangerous to touch the inside of the receiver due to high voltages and possible electrical hazards. Opening the receiver will void the warranty of the product. Refer all maintenance or servicing to suitably qualified personnel.
- When you are connecting cables, be sure that the receiver is disconnected from the mains supply voltage. Wait a few seconds after switching off the receiver before you move the receiver or disconnect any equipment.
- It is a necessity that you only use an approved extension and compatible wiring that is suitable for the electrical power consumption of the installed equipment. Please ensure that the electrical power supply corresponds with the voltage on the electrical identification plate at the back of the receiver.

If the receiver does not operate normally, even after strictly following the instructions in this user manual it is recommended to consult your dealer or the appropriate service for your country.

1.2 Storage

Your receiver and its accessories are stored and delivered in a packaging designed to protect against electric shocks and moisture. When unpacking it, make sure that all the parts are included and keep the packaging away from children. When transporting the receiver from one place to another or if you are returning it under warranty conditions, make sure to repack the receiver in its original packaging with its accessories. Failing to comply with such packaging procedures could damage the product and void your warranty.

1.3 Equipment Set-up

We recommend you to consult a professional installer to set up your equipment. Otherwise, please follow the instructions below:

- Refer to the user manual of your TV and your antenna.
- Make sure that the SCART/HDMI cable and outdoor components are in a good condition and the SCART/HDMI connections are well shielded and from good quality.

This user manual provides complete instructions for installing and using this receiver.The symbols serve as follows:

WARNING	Indicates warning information.
NOTE	Indicates any other additional important or helpful information.
MENU	Represents a button on the remote control or the receiver. **(Bold characters)**
Move to	Represents a menu item within a screen. (*Italic characters*)

1.4 Accessories

1. 1x Quick Installation Guide
2. 1x remote control
3. 2x batteries (AAA type)
4. 1x adaptor 12 Volt DC, 2 Ampere

WARNING:	The batteries should not be recharged, disassembled, electrically short-circuited, be mixed or used with other types of batteries.

If rechargeable accumulators instead of batteries are going to be used, we recommend using (e.g. NiMH) types with low self-discharge to ensure long time operation of remote control.

1.5 Usage of external USB devices

- It is recommended to use USB 2.0 storage devices. If your device is not compatible to USB 2.0 specifications, recording, timeshift and playback with your receiver might not work properly.
- If you are going to use external USB HDD (Hard Disk Drive) please consider that it might be the case that the power specifications exceed the supported output of your receiver (5V/1A). If so, please connect your USB HDD to an according external power adapter.
- STRONG cannot guarantee compatibility with all types of USB storage devices.
- It is advised not to store important information on USB storage devices used with the receiver. Always make backups of data on your USB storage device before using it with this receiver. STRONG will not take responsibility for any loss of information or circumstances caused by loss of information.
- Please ensure that either the USB device is already formatted to FAT/FAT32, or format the USB device via your receiver, refer to chapter **7.4.4 HDD Manager** for details.
- STRONG cannot guarantee the playback of all files although extensions are listed, as it depends on file size, codec, bit rate and resolution

2.0 YOUR RECEIVER

2.1 DEFAULT PIN-CODE: 0000

2.2 Front Panel

Fig.1

1.	**Standby/ON button**	Turns the receiver ON or into Standby
2.	**IR Sensor**	Receives the RCU commands
3.	**Indicator LED**	GREEN indicates that the receiver is currently ON, GREEN and RED blinking indicates that the receiver is preparing to enter deep sleep, RED indicates that the receiver is currently in deep sleep mode.
4.	**Smart card slot**	To insert your Irdeto Smart card
5.	**USB**	To connect your USB storage device

NOTE:	5 min after switching the receiver to standby it enters the deep sleep mode. Within this time the receiver is able to start up quickly. Starting up from deep sleep takes approx. 1 min.

2.3 Rear Panel

Fig. 2

1. **SAT IN**	To connect to the LNB of your satellite antenna for reception of satellite broadcast signal
2. **SAT OUT**	To loop through the satellite signal to a second receiver
3. **COAXIAL S/PDIF**	To connect to a digital amplifier or home theatre
4. **HDMI**	To connect to the HDMI input of your TV set using a good quality HDMI cable
5. **TV SCART**	To connect to your TV set using a SCART cable
6. **POWER SWITCH**	To power ON or OFF your receiver
7. **DC POWER**	To connect to the original included main power adapter (Input 110 ~240V 50~60Hz/ Output 12 V DC)

2.4 Remote Control

Fig. 3

1. ⏻	Switches the receiver On/Standby
2. 🔇	Mutes audio output of the receiver in every mode incl. videotext
3. **0~9**	Channel selection or value input
4. **TV/R**	Toggles between TV and RADIO mode
5. 🏠	No function
6. **FAV**	Opens the favourite list selection
7. ↺	Switches between the two last watched channels
8. **AUDIO**	Opens the list of audio languages
9. **INFO**	Shows the actual channel information (2x event info, 3x technical info)
10. **EPG**	Shows the EPG (Electronic Programme Guide) in TV mode
11. ▲▼	Menu Off: Change channel to next/previous.. Menu On: Moves the cursor up/ down.
12. ◀▶	Menu Off: Decreases/increases the volume level. Menu On: Change settings for specific Menus and for navigation
13. **OK**	Menu Off: Displays the current channel list. Menu On: Opens the highlighted setting or for confirmation
14. **MENU**	Opens the main menu and from main menu you will get one step back
15. ⮐	Exits from the menu, sub-menu or cancels actions
16. **VOL+/VOL–**	Increases/decreases the volume in all modes incl. videotext
17. **P+/P-**	Scroll page wise in all lists
18. **LIST**	Shows the satellite selection in viewing mode, in EPG and Timer opens the summary
19. **CH+/CH–**	Channel up/down
20. **OPT**	Opens the settings for TV format, aspect ratio and resolution
21. **TEXT**	Opens the Teletext if available
22. **SUB**	Shows the list of subtitle languages if available, in videotext opens the sub-page function
23. ✉	Gives direct access to Irdeto Mails from your service provider
24. ⏸	To start Timeshift in viewing mode, in Multimedia and HDD Manager to pause playback of a file
25. ⏪ ⏩	Fast rewind/Fast forward
26. ●	Starts recording the current broadcast, pressing once again opens the recording time to enter
27. ▶	Opens the HDD Manager in viewing mode. In Multimedia and HDD Manager starts playback of the selected file.
28. ⏮ ⏭	During playback mode jumps to the previous / next file
29. ■	Stops the current recording, Time shift or playback of the selected file
30. **RED**	In menu for specific functions.

31. **GREEN**	In menu for specific functions.
32. **YELLOW**	In menu for specific functions.
33. **BLUE**	In menu for specific functions.

2.5 Installing the batteries

Fig. 4

Remove the battery cover from the remote control and put 2x AAA size batteries inside the compartment.

The diagram inside the battery compartment shows the correct way to install the batteries.

1. Open the cover
2. Install batteries
3. Close the cover

NOTE:	The batteries must not be recharged, disassembled, electrically short-circuited, be mixed or used with other types of batteries. If rechargeable accumulators instead of batteries are going to be used, we recommend using (e.g. NiMH) types with low self-discharge to ensure long time operation of remote control.

2.6 Using the remote control

Fig. 5

To use the remote control, point it towards the front of the digital receiver. The remote control has a range of up to 5 metres from the receiver, if properly aligned towards the IR eye on the front panel.

NOTE:	The remote control will not operate if its path is blocked or affected by bright/stroboscopic light.

3.0 CONNECTIONS

3.1 Basic connection using an HDMI cable

Fig. 6.

A: Connect the LNB of your satellite antenna to the SAT IN connector of your receiver using a good quality coaxial cable and suitable 'F-connector' plugs.

B: Connect one end of a good quality HDMI cable to the HDMI connector of your receiver and the other end to the HDMI input of your TV set.

C: Plug the power adapter jack to the receiver and the other end to a suitable wall outlet.

Optional: Connect one end of a good quality Scart cable to the TV SCART of your receiver and the other end to the SCART input of your TV set.

3.2 Extended connections for your home entertainment

Fig. 7.

A: Connect your USB 2.0 storage device to this connector by using a good quality USB cable or insert the device directly.

B: Connect one end of a good quality coaxial audio cable to the S/PDIF output of your receiver and the other end to the coaxial audio input of your home theatre, amplifier or any other device supporting digital audio.

C: Plug the power adapter jack to the receiver and the other end to a suitable wall outlet.

3.3 Connecting multiple fixed antennas via DiSEqC 1.0 switch

Fig. 8

A: Connect the LNBs of your fixed antenna to the desired inputs of a DiSEqC 1.0 switch using a good quality coaxial cable and suitable 'F-connectors'.

B: Connect the output or "to receiver" of the DiSEqC 1.0 switch to the SAT IN connector on your receiver using a good quality coaxial cable and suitable 'F-connectors'.

C: Plug the power adapter jack to the receiver and the other end to a suitable wall outlet.

4.0 STARTING UP FOR THE FIRST TIME

Ensure that your satellite signal is of good quality and that all connections are properly setup. In case of difficulties or questions, please ask your local dealer for assistance. It is recommended to follow the *First Time Installation* step by step. It will guide you through the basic installation and channel searching process. You can enjoy digital HD broadcasts within just a few minutes.

4.1 Language, Video and Audio Setup

After connecting your receiver for the first time, the *OSD language*, *Video Setting* and *Audio output* menus will be shown. Choose your language with ◀▶. For these settings you can also use **OK** to show a list of available settings.

Please read the displayed instructions for each screen carefully. They will help you adjusting the settings fast and easy.

In the *Video Settings* you can press ◀▶ to choose connection between: *HDMI* and *Scart*. If necessary these settings can be opened with **OK**. A detailed description of the settings can be found in chapters **7.1.3.1 HDMI** or **7.1.3.2 SCART**.

NOTE:	If you select a HDMI resolution which your TV does not support, the receiver will switch to the previous setting automatically after ~10 sec. If you can see the displayed message, please confirm the selected resolution by pressing **OK**.

For the *Audio output* use ◀▶ to set *BitStream* or *PCM* depending on the connections you are using. Details of the setting can be found in chapter **7.1.3 System Settings**.

During any stage of the *First Time Installation*, you can press **BLUE** *Next* to go to the next step or **YELLOW** *Previous* to get back to the previous step.

4.2 Satellite Selection

This receiver is already adjusted for reception of Astra 19.2 satellite with the correct settings as it is most common. Per default it is setup for DiSEqC port 1, but you can use the setting as well if you are not connected to any switch. You only need to change these settings if you are not connected to Astra 19.2 or you don't have this satellite connected to port 1 of your DiSEqC switch.

To check or change the settings for the satellite on port 1 press **OK** to enter the submenu. When port 1 is adjusted correctly and you have proper signal quality and strength banners you can adjust the port 2 if you have a satellite connected there. Press ▲▼ to select it and proceed like described in chapter **7.1.1 Antenna Setup**.

It is possible to adjust settings for up to 4 satellite positions.

4.3 Channel list selection

In this menu you can highlight the option of your choice by pressing ◀▶ and then choose the appropriate option in below.

Please read the displayed instructions for each screen carefully. They will help you adjusting the settings fast and easy.

NOTE:	Using this receiver with satellite Astra 19.2 offers you the possibility to select between 3 channel lists.

In the *Preset CH – List* you can choose between *HD Austria Senderliste, HD List* and *ORF List*, depending on your preferences and subscription. The *HD Austria Senderliste* provides all available channels for viewers with normal or additional HD Austria subscription in Austria and also includes various popular services from your selected satellite(s). This list is maintained and updated automatically by the service list provider and can't be edited. Editing of channels can only be performed for channels which are saved above channel number 4000 or additionally saved in favourite list(s). To choose this list select *Load HD Austria Senderliste* with ▲▼ and press **OK** to install it. After this step the receiver will scan for the list. When the list has successfully been loaded, the *First Time Installation* will be finished.

The *HD List* starts with all HD Austria channels and also includes all ORF channels. This list can be fully edited and will not be updated automatically. The *ORF List* starts with all ORF channels and also includes all HD Austria channels. This list can be fully edited and will not be updated automatically.

If the *HD List* or the *ORF List* have been chosen, press **OK** on the below *Local channels* selection and then use ▲▼ and **OK** to mark/unmark the channels you want to add to your preset list. Press **OK** on *Save* to proceed with the next step.

After choosing one of the channel lists and regional channels, you only need to select *Load preset list* and press **OK**, then the *First Time Installation* will be finished. Details for a channel search can be found in chapter **7.1.2 Channel Search**.

5.0 QUICK GUIDE TO USING YOUR RECEIVER

We at STRONG understand that you can't wait to enjoy your new HD receiver. The following quick guide will make you familiar with the basic operation of this device. We do, however, advice you to read the full manual to get the best performance from your STRONG HD receiver.

To turn your receiver ON or to Standby, use the ⏻ button on the remote control or the button on the left side of the front panel.

Choose a channel with ▲▼ or the **CH+/CH−** buttons. Alternatively, you can digit the channel number with the **0~9** buttons on the remote control or press **OK** in viewing mode to display the channel list.

The volume can be adjusted with the **VOL+/VOL-** buttons. The usage of **VOL+/VOL-** and 🔇 is possible in ALL menus which present a TV picture in the background and can additionally be used in the videotext mode. In viewing mode you can also use ◀▶.

P+/P- enable you to scroll page wise in all list modes to make your channel or other selection as comfortable as possible.

NOTE:	5 min after switching the receiver to standby it will enter the deep sleep mode. Within this time the receiver is able to start up quickly. Starting up from deep sleep takes approx. 1 min.

6.0 OPERATION

In viewing mode, several features are available to make watching TV a true pleasure. This chapter describes these features. Please also read chapter **7.0** to get familiar with the menu of your new receiver.

6.1 Changing channels

Your new receiver is equipped with three ways to change channels.

1. Via direct access
2. Via the channel list and
3. Via the **CH+/CH-** or ▲▼ buttons.

6.1.1 Direct access

To gain direct access to a certain channel, simply input its number with the **0~9** buttons on the remote control. Channel numbers can be up to four digits long. Entering a number with less than four digits is possible. After entering the channel number just wait a few seconds and your receiver will switch to the selected channel.

NOTE:	Please note that when using the "HD Austria Senderliste" some channel numbers may not be in the list or assigned. Personally stored or searched for channels will be stored from channel number 4000.

6.1.2 Channel list

Press **OK** in viewing mode to display the *Channel List*. Use ▲▼ in the *Channel List* to highlight your channel of choice and press **OK** to switch to the highlighted channel.

The *Channel List* is equipped with a filter function to make it easier to find your favourite channels. While in the *Channel List*, press **RED**. An alphabet banner will now be displayed. Use ▲▼ or **CH+/CH-** to select the first letter of the channel you wish to watch and press **OK** to confirm. All channels beginning with the chosen letter will now be displayed (ascending order by channel number).

The following buttons are available in the *Channel list* and in viewing mode:

TV/R:	Toggles between TV and radio channels, in channel list changes the list mode.
LIST:	Opens the satellite list selection in viewing and list mode.
FAV:	Displays the favourite list selection in both modes.

To return to the original channel list, go to the channel list and press **TV/R** or **LIST**.

6.1.3 Using the CH+/CH- buttons

CH+ or ▲ will switch to a higher channel.

CH- or ▼ will switch a lower channel.

6.2 Info Banner

Any time during viewing mode you can press the **INFO** button to get info about the current channel and programme*. Press **INFO** twice to display detailed programme information of the current or next programme. For the current programme information use ◀▶ to change between the current and next event information. In the respective programme information you can use **P+/P-** to scroll if applicable. If you press the button a third time, technical details of this channel will be displayed. The technical information might help you in case of reception or similar problems to see if the channel provides Audio/ Video PIDs and if the signal is of sufficient quality and strength.

Press **INFO** or ⮕ to close the information.During a recording the programme information with the recording progress banner can be displayed by pressing the **INFO** button. Just like at the normal information banner it is also possible to switch between the current and next programme with the ◀▶

buttons. The recording progress banner shows the elapsed and complete recording time. Settings for the display duration can be set in menu **7.1.3 System Settings**.

*Programme information is displayed when available. Availability depends on the broadcast.

6.3 Selection of audio language

Some channels support a choice of different audio formats and/or languages. To select another audio stream, press **AUDIO** in the viewing mode. A list with the available audio languages will be displayed. Press ▲▼ to select a audio language or mode and confirm with **OK**. It is also possible to select another audio mode with ◀▶. When your settings have been made, press **OK** to apply.

6.4 Teletext

Your receiver includes a fully featured Teletext. To access Teletext, press the **TEXT** button in viewing mode and enter the page number of choice with the **0~9** buttons. You can use ▲▼ ◀▶ like described on screen for selection and scrolling through Teletext pages. In this mode the usage of **VOL+/VOL-** and 🔇 is supported as well. If subpages are available for the current page, open the page selection with the **SUB** button. Enter the subpage with the **0 ~ 9** buttons and wait 3 sec. or press **OK**. Then select *OK* with ▲▼ to confirm. As soon as the subpage is reached it will stay on screen, by repeating this procedure another subpage can be reached as well. Of course, the above mentioned functions are still accessible. Press ⮆ to quit.

6.5 Subtitles

Some channels support a choice of different DVB subtitle languages. Press the **SUB** button in viewing mode to display a list of available subtitle languages.

NOTE:	DVB subtitles on Astra 19.2 are currently available on different German-speaking channels: Das Erste HD, ZDF HD, 3sat HD, arteHD, WDR HD and other popular channels. If you switched the *Subtitle Setting* to *ON*, then the according subtitles will be displayed automatically in case of availability for this channel/movie. When the setting is *OFF* the DVB subtitles can be temporary opened. Further information about subtitles can be found on the respective videotext pages or websites of the broadcast organisation.

6.6 Changing the video format

Press **OPT** to change other settings like *TV Ratio*, *Conversion* or to have a look on the currently adjusted *Resolution*. Select a setting with ▲▼ and use ◀▶ to change it. When all settings have been made, press ⮆ to quit.

NOTE:	If you configure an HDMI resolution which isn't supported by your TV, there is no problem because if you press no button, the receiver will switch to the last used resolution after ~ 10 sec automatically. However, if you can see the displayed message, then confirm the selected resolution by pressing **OK**.

6.7 EPG (Electronic Programme Guide)

The Electronic Programme Guide (EPG) provides aninformation overview on the current television programme. The information is providedby the respective broadcaster and may not be available for all channels. The Electronic Programme Guide is a very useful function that allows you to watch programme schedules and information on screen and add events for recording. Press the **EPG** button to open it. Use ▲▼ or **P+/P-** to select a channel and ▶ to move the highlight to the events of this channel.

In this part you can also use ▲▼ or **P+/P-** to select or scroll through these. Press **OK** or **GREEN** to display detailed information about the selected event. Then use ▲▼ or **P+/P-** to scroll through and press ⮆ to quit.Press **BLUE** to display programme information for the next day and **YELLOW** to get back one day. Simply press **RED** to set a timer for the selected event. A message will be shown, where you have the possibility to change the type between *Record* and *Turn ON*. Below you can change the *Timer type* to: *Once, Daily, Weekly, Weekends, Weekdays*. You can enter the time with the **0~9** buttons. Select *OK* to set the timer or select *Cancel* to discard. Up to 20 timers can be set. By pressing the **LIST** button you can check the set timers. Press the **RED** button to edit a set timer (same procedure as setting the timer). The **BLUE** button can be used to delete a timer and with **YELLOW** or ⮆ you can close this menu again. If the highlight is on a channel (at the left side), you can press **OK** to directly switch to this channel and leave the EPG, otherwise press ⮆ to leave the EPG on the previously selected channel. If you have set timers in the EPG the receiver will store the settings after leaving.

NOTE:	Availability of EPG data depends on broadcast and can be displayed for up to 7 days. If you are opening the EPG just after the receiver was switched on or changed to another transponder we recommend to wait for a short moment in order to collect the data.

6.8 Instant Recording

Your new receiver allows you to make an instant recording of the programme you are watching. Simply press ● to start the recording. The receiver automatically takes over the remaining time of the current programme. If you want to change the duration for the recording, press ● again.Enter the recording time with the **0~9** buttons. For a recording duration of 45 min, just enter 45 and press **OK** or for 1h 30 min, just enter 130 and press **OK**. The recording progress banner (at the upper left corner) and the programme information (in the lower part) button can be opened at any time by pressing **INFO**. To stop the recording, press ■.

NOTE:	Please connect a USB storage device formatted in FAT32 with sufficient free space before you start a recording. In the menu *HDD Manager* or *Multimedia Manager*, you can format the USB-device, if necessary or you know the device is formatted in another format. Alternatively confirm the message displayed in TV-mode to format your USB-device. For recording of an HD broadcast, we strongly recommend to use a high speed USB device.

WARNING:	For encrypted channels broadcasting rights may be limited by the provider and recording may not be possible. Recordings via the analogue scart output (VCR or DVD recorder) could also be blocked. When the Maturity Rating is activated for a certain programme, you must enter the corresponding PIN code **MATURITY RATING MASTER PIN: 0000** to be able to record this programme.

Due to license reasons it is possible that a recording cannot be performed with an ORF DIGITAL TV-card that was activated prior to September 2011. Contact ORF for a replacement of your ORF DIGITAL-SAT card. For more information, please refer online to http://digital.orf.at or the enclosed information of the new ORF card.

6.9 Timeshift

The Timeshift function allows you to pause live broadcast and resume watching later. Press ❚❚ to stop the current broadcast. After any time you can press ▶ to start time shifted playback. During Timeshift a progress banner is displayed on the upper left corner of your TV screen. When you have reached the current broadcast (via ▶▶), the normal information banner with an additional *tShF* appears. To show and hide press the **INFO** button. To stop Timeshift, press ■.

NOTE:	Timeshift only works correctly when a fast USB storage device such as a USB2.0 HDD is connected to the receiver. Distorted picture and/or audio during Timeshift indicate a too slow USB device speed. STRONG cannot guarantee for USB devices used. Especially when Timeshift is activated at channels with high data rate (High quality SD/HD), STRONG cannot guarantee an accurate playback of the Timeshift file.

WARNING:	The broadcasting rights of encrypted channels may be limited by the provider and fast forward/rewind may not be possible or the Timeshift function may be limited.

6.10 Playback of recording

If you have made recordings you can access the *HDD Manager* directly from viewing mode by pressing ▶. Select the recorded event with ▲▼ and start the playback in full sceen mode with **OK**. Alternatively you can press ▶ to start playback in preview mode. Further options are displayed in the *HDD Manager*. For a detailed description of the menu please refer to chapter **7.4.4 HDD Manager**.

WARNING:	For encrypted channels broadcasting rights may be limited by the seller, which is why some channels are restricted during playback to fast forward/rewind, or possibly limited in another way. When the Maturity Rating is activated for a certain programme, you must enter the corresponding PIN code **MATURITY RATING MASTER PIN: 0000** to be able to record this programme.

7.0 MAIN MENU

Press **MENU** in viewing mode to display the *Main Menu*. All important settings and features of your receiver can be operated from the *Main Menu*. It consists of the following sub-menus: *Installation*, *Update & Info*, *Conditional Access*, *Channel Manager* and *Timer*.

Use ◀▶ to select a sub-menu and ▲▼ to choose an option. Press **OK** to advance to the chosen submenu.

7.1 Installation

This menu allows you to change satellite settings and to search for channels. Further you can adjust important settings for your receiver. It consists of the following sub-menus: *Antenna Setup*, *Channel Search*, *System Settings*, *Parental Lock* and *Factory Reset*. Choose a sub menu with ▲▼ and press **OK** to advance.

7.1.1 Antenna Setup

Use this menu to change or add the settings for an already installed or new satellite and to configure its parameters. In the *Type* line you can adjust if you're using a DiSEqC switch or not by using ◀▶ to change. If your setup differs you can adjust *DiSEqC OFF* or use the default setting *DiSEqC 1.0*. If you use *DiSEqC OFF* you will only be able to setup one satellite. Press ▼ and then **OK** to open the settings for this connection.

For the usage with *DiSEqC 1.0* you can enter the parameters for up to 4 satellite positions.

Edit LNB

Satellite	Press **OK** to open the list of available satellites and chose the preferred satellite with ▲▼ or **P+/P-** and confirm by pressing **OK**.
LNB Type	Choose LNB Type with ◀▶ if you are not using a universal LNB.
LNB Low Freq.	This shows the value for the appropriate LNB Type used and you can only adjust for "Normal" LNB.
LNB High Freq.	This shows the value for the appropriate LNB Type used and you can only adjust for "Normal" LNB.
22KHz Tone	This setting for AUTO should not be changed, only if is necessary for your LNB type.
LNB Power	Here you can change the LNB power with ◀▶ if necessary.
Transponder	Press **OK** to open the list of available transponders for the chosen satellite, in order to check your reception or align the antenna.

Press the **RED** button *SAT Edit* to rename the chosen satellite and press the **GREEN** button *Add TP* to add a new transponder to this satellites database.

7.1.1.1 SAT Edit

This submenu allows renaming of the chosen satellite and changing of its orbital position. Use ▲▼ to choose *Satellite* or *Position*.

Satellite:	Press **OK** to open the keyboard and enter a new name with the **0 ~ 9** buttons (max. 9 signs). When you have entered the preferred name, press ▲▼ to choose *OK* in order to rename or choose *Cancel* to discard.
Position:	Use **0 ~ 9** to enter the orbital position. If necessary, you can use **OK** and ▲▼ to change the hemisphere from *E* to *W* or vice versa.

By pressing the ▲▼ buttons you can select *OK* to change or *Cancel* to discard.

7.1.1.2 New TP

This submenu allows adding one or more transponders to the database of the selected satellite. This enables you to check the signal or adjust the antenna for this satellite. Further you can perform a NIT Search on the new satellite when you have added the appropriate transponder. The full editing functions are available in the *Channel Search* menu. Here use the ▲▼ buttons to navigate.

Frequency:	Enter a frequency with the **0 ~ 9** buttons.
Symbol rate:	Enter the required symbol rate with the **0 ~ 9** buttons.
Polarization:	Here the polarization can be changed with ◀▶.

By pressing the ▲▼ buttons you can select *OK* to change or *Cancel* to discard.

After all settings are adjusted according to your system requirements, press ⮕ to leave this menu. A message will inform about the changes, use the ▲▼ buttons to select *Yes* to save or *No* to discard and confirm with **OK**. The receiver will return to the selection screen and you can continue.

If you want to delete a satellite press the **GREEN** button. If you want to delete all satellites that have been setup press the **YELLOW** button to do so. When all settings have been made, press ⮕ to leave this menu.

7.1.2 Channel Search

Use this menu to perform an automatic, network or transponder channel search or to search on all satellites that have been setup. Use ▲▼ to highlight an item and ◀▶ to change settings. Below the settings you can find the search method selection.

Antenna	Here you can change the antenna port with ◀▶ if you have configured more than one satellite.
Satellite	Here you will see the satellite that is assigned to the antenna in above, you can only see the satellite(s) which has/have been setup in the *Antenna Setup* menu before.
Transponder list	By pressing ◀▶ you can change between the transponders referring to the selected satellite, you can also press **OK** to list them and select with ▲▼ or **P+/P-**. Afterwards press **OK** to choose. Press **RED** to *Edit TP*, with **GREEN** you can *Delete TP* and with **BLUE** you can enter data for a new transponder *Add TP*.

For the further procedure in *Edit TP* and *Add TP* see chapter **7.1.1.2 Add TP**. In *Delete TP* a message will be displayed to apply your changes, use ▲▼ to select *Yes* to apply or *No* to cancel and confirm with **OK**.

Scan Mode	Here you can decide which channels you want to scan for: Either scan all channels *FTA & $*, for Free-To Air only *FTA* or use *CA* to scan for scrambled channels only.
Channel Type	*TV & Radio* will scan for TV and radio channels, *TV* for TV channels only and *Radio* for radio channels only.

After you have adjusted the settings for the preferred scan process, move to *Scan selected satellite* with ▲▼ and then select the search method with ◀▶.

You can select between following procedures:

Scan selected satellite	Scanning the selected satellite.
Search All Sat	Scanning the selected satellite.*
Search TP	Scanning the selected transponder.
Network Search	NIT scanning the selected satellite.
Load HD Austria Senderliste:	Here the "HD Austria Senderliste" can be installed subsequently. In this case, previously installed or available channels are retained and sorted in the "HD Austria Senderliste" accordingly. TV or radio channels which are not included in the "HD Austria Senderliste" are ranked above channel number 4000 or 6000 and can still be edited.

When all settings have been made, press **OK** at the preferred scan method to start this scan process or ⮕ to quit without scanning. All newly found channels will be stored at the end of the channel list.

*Only available if more than one satellite has been setup.

NOTE:	NIT (Network Identification Table): This option will scan data of the NIT table from a satellite and allows you to receive new appeared channels. Please consider that unlike Astra 19.2 und HOT BIRD 13° some satellites do not offer this function or do not fully support it. Please check with your local dealer.

NOTE:	When you want to add technical data for a new transponder we recommend verifying it by consulting websites like: www.lyngsat.com or www.kingofsat.net or you can refer to professional journals.

7.1.3 System Settings

Use the *System Settings* menu to configure settings for language, audio, video, look and feel of your receiver. Choose a setting with ▲▼ and press **OK** to list the possibilities or use ◀▶ to change the value of the highlighted setting. Please also read the displayed instructions for each screen carefully. They will help you to adjust the settings correctly and easily.

Language:	Here you can change the language for the On-Screen-Display, use ◀▶ to select your preferred language. It affects the menu language of your receiver so all menus and messages will be displayed in the chosen language.
Video Setting:	Select the connection to your TV set. Either *Scart* or *HDMI* can be selected via ◀▶. Press **OK** at the used connection to open the settings for it. For details, see chapter **7.1.3.1 HDMI** or **7.1.3.2 SCART**.
Audio Output:	Here you can adjust the settings for your digital audio output. Press ◀▶ to choose between *BitStream* and *PCM*. If a device that can decode Dolby® Digital* is connected, use the setting *BitStream*. If this is not possible, use *PCM*.
Audio language:	Press **OK** to open the setting. The most important audio languages are displayed. For details, see chapter **7.1.3.3 Select Audio Language**.
Subtitle Setting	Press **OK** to open this setting. For details, see chapter **7.1.3.4 Select Subtitle Language**
Start up channel	In this menu you can select your start up channel. Select *Last watched* if your TV shall start with the last viewed channel before the receiver switched off. To switch on with a specific channel, select *Fixed Channel* by pressing ◀▶. Press **OK** and **OK** again to continue. Press ▲▼ or **P+/P-** to scroll in the list and confirm your selection with **OK**.
Banner display time:	Defines the time for displaying the information banner. Press ◀▶ to choose between *1 sec ~ 20 sec*.
OSD transparency:	Defines the transparency of menus and banner. Press ◀▶ to choose between *25%*, *50%*, *75%* and *fifty-fifty*.

When all settings have been made, press ⮕ to leave the menu. When returning to viewing mode the receiver informs with a message that it saves your settings.

*Dolby Digital Plus and the double-D symbol are registered trademarks of Dolby Laboratories

7.1.3.1 HDMI

In this submenu you can set following parameters:

TV Ratio	*16:9* or *4:3*, depending on the kind of your TV set.
Conversion	*Letterbox*, *PanScan* or *Combined*, to choose the preferred picture format.
Video Output	Only selectable for Scart
Resolution	*576p*, *720p*, *1080i* or *1080p*, to adjust the optimum resolution your TV set supports.
HDCP	ON or OFF, please see the note below.

NOTE:	HDCP (High Definition Content Protection) is set to ON per default as nowadays all TV sets with an HDMI connector support HDCP. If you have problems with the HDMI connection you can use the Scart setting to deactivate HDCP, which will allow watching via HDMI without problems. Consider that movies which are broadcasted with an extra content protection might not be shown when HDCP is set to OFF.

NOTE:	If you configure an HDMI resolution which isn't supported by your TV, there is no problem because if you press no button the receiver will switch to the last used resolution after ~ 10 sec automatically. However, if you can see the displayed message, then confirm the selected resolution by pressing **OK**.

7.1.3.2 SCART

In this submenu you can set following parameters:

TV Ratio	*16:9* or *4:3*, depending on the kind of your TV set.
Conversion	*Letterbox*, *PanScan* or *Combined*, to choose the preferred picture format.
Video Output	*RGB* or *CVBS*, depending on what your TV set supports, but for Scart we recommend *RGB*.
Resolution	Only selectable for HDMI
HDCP	*ON* or *OFF*, please see the note above.

After all settings are adjusted following to your preference, choose *Save* with ▲▼ and press **OK**. The receiver returns to the menu.

7.1.3.3 Select Audio Language

In this submenu you can set up to four preferred audio languages:

First Language	Either use **OK** for a list with all available languages or use ◀▶ to select one.
Second Language	Either use **OK** for a list with all available languages or use ◀▶ to select select one.
Third Language	Either use **OK** for a list with all available languages or use ◀▶ to select select one.
Fourth Language	Either use **OK** for a list with all available languages or use ◀▶ to select select one.

The receiver will automatically switch to the preferred audio language whenever available. If the first language is not available it will switch to the second language. Should both the first and the second language be unavailable it switches to the third language and so on.

After all settings are adjusted following to your preference, choose *Save* with ▲▼ and press **OK**. The receiver returns to the menu.

7.1.3.4 Select Subtitle Language

In this submenu you can set up if you want to display DVB subtitles and select your language accordingly:

Subtitle Display	Use ◀▶ to select *ON* or *OFF* depending on DVB subtitle display being preferred or not.
Subtitle Language	Either use **OK** for a list with all available languages or ◀▶ to select a language.

When available, DVB subtitles will be displayed in the selected language.

After all settings are adjusted following to your preference, choose *Save* with ▲▼ and press **OK**. The receiver returns to the menu.

NOTE:	DVB subtitles on Astra 19.2 are currently available on different German-speaking channels: Das Erste HD, ZDF HD, 3sat HD, arteHD, WDR HD and other popular channels. If you switched the *Subtitle Setting* to *ON*, then the according subtitles will be displayed automatically in case of availability for this channel/movie. When the setting is *OFF* the DVB subtitles can be temporary opened. Further information about subtitles can be found on the respective videotext pages or websites of the broadcast organisation.

7.1.4 Parental Lock

This menu enables you to define and edit your PIN code, set Installation or Parental Lock. Choose a setting with ▲▼ and press **OK** to list the possibilities or use ◀▶ to change the value of the highlighted setting.

Please read the displayed instructions for each screen carefully. They will help you adjusting the settings correct and easy.

Current PIN Code	Use the **0~9** buttons to access this menu options below. Enter the **(DEFAULT PIN: 0000)** if you have not changed it.
Parental Lock	Use ◀▶ to select *ON* or *OFF*. Parental Lock allows you to prevent children from watching adult channels if these channels support EPG or submit EPG based parental rate for your country. In below adjust the *Parental Rate* accordingly.
Installation Lock	Use ◀▶ to select *ON* or *OFF*. Installation Lock allows you to lock the access to your Installation settings and channel edit menus.
Parental Rate	Use ◀▶ to change these settings. Following rates are available: *Unblocked*, *12+*, *16+*, *18+* or *All Blocked*. Depending on the adjusted setting you will have to enter your PIN code when switching through channels which support EPG or submit EPG based parental rate.
New PIN Code	Enter the PIN code of choice with the **0~9** buttons.
Confirm PIN Code	Use the **0~9** buttons to confirm your new PIN code.

When all settings have been made, press ⮕ to leave the *Parental Lock* menu. When returning to viewing mode the receiver will inform with a message that it saves your settings.

NOTE:	If you are using the Parental Lock function without the *Unblocked* setting then all FTA channels which support EPG or submit EPG based parental rate will require your PIN code **(DEFAULT PIN: 0000)**.

7.1.5 Factory Reset

A factory reset will restore your receiver to the factory default settings. It will delete all settings and channels. To reset the receiver, you have to enter your PIN code **(DEFAULT PIN: 0000)**, then use ▲▼ to select *OK* to execute or *Cancel* to return to the menu. Afterwards the receiver will restart with the *First Time Installation*.

WARNING:	A factory reset will permanently delete all your personal settings, timers and stored channels. Please consider this before you perform a factory reset. If you want to backup your settings before performing a factory reset, please refer to chapter **7.2.2 Backup to USB device**!

7.2 Update & Info

This menu allows you to check information about your current software, create a backup of your channels, load a backup into the receiver and update the receiver via USB or OTA (download via satellite). It consists of the following sub-menus: *Receiver Information*, *Backup to USB device*, *Load Backup from USB device*, *USB Update* and *OTA Software Update*. Choose a sub menu with ▲▼ and press **OK** to advance. For *Backup to USB device* and *Load Backup from USB device* these functions will be executed by pressing **OK** directly.

7.2.1 Receiver Information

In this submenu you can find information about the software and hardware version of your receiver. A customer support agent might ask for the information given in this screen. Press ⮌ to return to the menu.

7.2.2 Backup to USB device

In the *Update & Info* menu select *Backup to USB device* with ▲▼ and press **OK** to execute a current backup of your channels, transponders and user settings. When the message *Please wait...* disappears the receiver has successfully created the "userdata.bin" file to the root directory of your USB device which you can save if you need to reset the receiver and easily want to load this backup into the receiver.

7.2.3 Load Backup from USB device

In the *Update & Info* menu select *Load Backup from USB device* with ▲▼ and press **OK** to execute loading the "userdata.bin" file into the receiver. You will only be able to load this kind of file into the receiver so please don't rename it, or alternatively rename it again to the above mentioned file name before you load the file to the receiver again.

7.2.4 USB Update

This function allows you to perform a software update with a USB storage device. Download the software and update instructions from our website www.strong.tv and unzip it on your PC. Then load the file to the root directory of your correctly formatted USB storage device and connect it to your receiver. Turn on the receiver and wait until the USB device is successfully detected. Press **OK** in the menu *USB Update* and confirm the displayed message, then wait until the software update and loading process begins. After the loading process has been started successfully (a progress banner is displayed) you can disconnect the USB storage device (or wait until the update is fully loaded)! Please disconnect the USB device after a successful update in order to restart the receiver!

WARNING:	NEVER disconnect the receiver from the mains or switch the power OFF during the update procedure. It can damage your receiver and warranty will void! In case of an USB software update please consider that the receiver may delete all channels, data and user settings in certain cases. You can backup your data at any time, see chapter **7.2.2 Backup to USB device**.

NOTE:	The above mentioned USB functions require a correctly formatted USB storage device to be connected to the receiver.

7.2.5 OTA Software Update

The OTA (Over the Air) function allows you to search for software updates available on satellite. Please ask your local STRONG dealer or visit our website www.strong.tv for information. After pressing **OK** on *OTA Software Update* to execute your receiver will start looking for new software. Follow all instructions that are displayed on screen. If an update is available choose *Download* with ▲▼ and press **OK** to start the update process.

WARNING:	After the update the receiver restarts automatically! During the update process NEVER disconnect the receiver from the mains, switch power OFF or disconnect the receiver from the antenna cable! This can damage your receiver and warranty will be void! In case of an OTA update please consider that the receiver may delete all channels, data and user settings in certain cases. You can backup your data at any time, see chapter **7.2.2 Backup to USB device**.

7.3 Conditional Access

Your receiver is equipped with a smart card slot which allows access to Irdeto encrypted services. Depending on your smart card you can read different information that might also be asked from your broadcaster in order to give the most effective support. The programmes that can be descrambled are determined by the smart card respectively the subscription which you use. This sub menu gives you access to advanced functions and information in respect to your Irdeto smart card if it is inserted. The following menus are available: *Irdeto CA System*, *Irdeto Mail* and *Maturity Rating*.

7.3.1 Irdeto CA System

This menu gives access to following submenus which can be opened for detailed information about these items: *Smart Card Status*, *EMM Status*, *ECM Status*, *Loader Status*, *Product List Status* and *PVR DRM Service*.

7.3.2 Irdeto Mail

This menu allows access to Irdeto mail.

7.3.3 Maturity Rating

In this menu you can define a new maturity rating group or delete an existing maturity rating group. Enter the **MATURITY RATING PIN: 0000** in order to access this menu. In the Maturity rating menu you can choose to use the broadcasted maturity rate via the CA (Conditional Access) System. This means that when an Irdeto scrambled channel broadcasts a defined rate for a movie or special event you can use this setting to protect children from watching improper content for their age.

Maturity Rating Master PIN	Use the **0~9** buttons to access this menu options. Enter the **MATURITY RATING PIN: 0000**.
Maturity Rating action	Use ◀▶ to set *ON* or *OFF*. If *OFF* is set the function is deactivated.

If a profile has been setup the menu now contains following settings as well:

Maturity rating group	Displays the chosen rating groups, starting with "0". When more than one profile was setup you can choose one with ◀▶.
Age	Displays the age for the rating group above.
User PIN Code	Displays the PIN code for the rating group/age above.

Add maturity rating group

Press the **RED** button to create a new profile for a specific age.

Maturity rating group	Displays the chosen rating groups, starting with "0".

Age Use ◀▶ to change the age between *4 – 18* years.

When finished use ▲▼ to select *Save* to apply or *Cancel* to return to the menu. When you save the age setting the receiver displays a generated PIN code. Please note this PIN code for access to watching content.

Delete maturity rating group:

Use ◀▶ to change to the maturity rating group that you want to delete and then press **GREEN** to delete it.

NOTE: For watching a certain movie the receiver will request to enter the maturity rating PIN code. You can create up to 6 different profiles, which can also be deleted again. When setting a profile for a certain age, please consider that the set PIN code is generated for this specific age only and should be noted by an adult. Generally you can use the master PIN for every age restriction and by entering it you can also check the PIN for the different maturity rating groups.

WARNING: The maturity rating function might have influence on the recording timer behaviour if the maturity rate for a programmed event differs to the rate of a previous movie. This will lead to a new PIN enter request or the receiver enters the automatic standby mode in the meantime and so also requests the PIN.

The master PIN of your smart card can only be changed via the broadcaster!

7.4 Channel Manager

In this menu you can manage channels and configure favourites or playback recorded files from a connected USB storage device. The menu consists of the following sub-menus: *TV Channels*, *Radio Channels*, *TV Programme Guide* and *HDD Manager* and *Multimedia Manager*. Choose a sub menu with ▲▼ and press **OK** to advance.

7.4.1 TV Channels

Use this menu to manage your TV channels. The current channel list is displayed to the left and the favourite group to the right.

Add channels to favourite groups

Use ▲▼ to select a channel and press **OK** to add it to the favourite group. Press **GREEN** to change between 6 available favourite groups. To remove a channel from a favourite group use ▶ to change to the right side, then use ▲▼ to select the channel you want to remove from this favourite group and press **RED** to delete this channel. Then press ◀ to change to the left side again if you want to add other channels to favourite groups.

NOTE: Removing a channel from a favourite group doesn't remove this channel from the channel list.

Delete channels

Press the **RED** button to toggle between delete modes and then press **OK** to highlight the selected channels for deletion. Press once to delete a single channel or different selected channels from your channel list, press twice to delete the complete transponder of the selected channel (this will highlight all present channels), press three times to delete all channels from the satellite and four times to delete all TV channels from your channel list. Another pressing of this button will bring you back to the initial mode, where you can add channels to favourites.

Move channels

Press the **YELLOW** button to move a channel position in the channel list or in the selected favourite group. Select the channel you want to move with ▲▼, then press **OK** to highlight the selected channel for moving. Afterwards use ▲▼ to select the new position for the channel and press **OK** to release it. Another pressing of the **YELLOW** button brings you back to the initial mode, where you can add channels to favourites.

Lock/Unlock channels

Press **BLUE** to activate this function. You will be asked to enter your PIN code **(DEFAULT PIN: 0000)**. Select the channel you want to lock with ▲▼, then press **OK** to highlight the selected channel for locking. By pressing **OK** you can remove the 🔒 again.

In a favourite group the lock function is not supported, but an already locked channel can be moved to the favourites.

Rename favourite group or channel

Select the channel or favourite group you want to rename first, then press **MENU** to open one of these functions. After selecting the function of choice, press **OK**, then enter the new name by pressing the **0~9** buttons.. After entering the name of choice, use ▲▼ to select *OK* to change the name or *Cancel* to return. If you rename a channel from the channel list it will change the channel name in the favourite group if it is available there, too. Out of this reason renaming a channel is only possible in the channel list. When all settings have been made, press ⮕ to leave the *TV Channel Manager*. When returning to viewing mode the receiver will inform with a message that it saves your settings.

NOTE:	When using the "HD Austria Senderliste" associated channels cannot be edited (delete, move, rename). If you have made a recent or other channel search, TV or radio channels which are not included in the "HD Austria Senderliste" are ranked above channel number 4000 or 6000 and can still be edited.

7.4.2 Radio Channels

This menu allows you to organise your radio channels like the TV channels. The only difference is that there are two available favourite lists for radio channels. For the functions please refer to chapter **7.4.1 TV Channels**.

7.4.3 TV Programme Guide

The EPG (Electronic Programme Guide) is a very useful function that allows you to watch programme schedules and information on screen and add events for recording. For detailed instruction and information please refer to chapter **6.7 EPG (Electronic Programme Guide)** as the functions in this menu are identical.

7.4.4 HDD Manager

This menu allows you to watch previously recorded programmes, format your USB storage device and more. On the left side you see the list of recorded events if you already have made some. Below you can find information of your USB storage device and the selected recording. On the right side you see the duration of the recording as well as the title. Directly above you have a preview of this recording. Press the ▶ button to show it or press **OK** to watch in full screen mode. Further the displayed buttons can be used in preview mode as in full screen mode. These further functions are available in this menu:

Delete a record

Use ▲▼ to select a file that you want to delete. Press the **RED** button to execute.

Format HDD

Press the **GREEN** button to format your connected USB storage device.

WARNING:	The format function will delete all recordings, data and information from your USB device. STRONG will not take any responsibility for damaged or lost data on the USB device. Please make a backup copy of important data on your USB device before using it with your receiver.

Remove USB

Press the **YELLOW** button to safely remove the USB storage device from your receiver.

NOTE:	We recommend using this function especially for bigger sized HDDs.

Select Partition

Press the **BLUE** button to open the selection if you have more than one partition available on your USB storage device. Use ◀▶ to select a partition and then select **OK** to change it. If you have more partitions formatted in FAT 32 you can also record to them.

Renaming and sorting of recording(s)

Press **MENU** to open one of these functions, use ▲▼ to select *Rename* or + *Sort* and then press **OK** at the preferred function. Press **OK** on the recording you want to rename. Enter the recording name with the **0~9** buttons. When you have entered the name use ▲▼ to select *OK* to change the name or *Cancel* to return.If you have selected + *Sort* you can sort the recordings either by date or by alphabet. Press **OK** on the preferred function in order to execute.

Show event information of a recording

Press **INFO** to display the EPG information for a recording if the channel supports EPG. In the information, use ◀▶ to select the next or previous broadcast information and ▲▼ to scroll in the text. If a recording shows the name of the programme EPG was available during recording, if not the channel name will be displayed instead.

WARNING:	For encrypted channels broadcasting rights may be limited by the provider and some channels may have restrictions of fast forward/rewind during playback or possibly be limited in another way. A corresponding smart card is required for playback of encrypted images. If the additional offer of HD Austria is used, only the receiver that is „paired" with the smart card can be used for playback (up to 3 receivers can be "paired" with one smart card). If maturity rating is activated for a specific recording, you need to enter your PIN code **MATURITY RATING PIN: 0000** before playback can be started.

For questions concerning AustriaSAT or HD Austria, please contact the service telephone: 0820 90 90 93 or visit www.austriasat.at or www.hdaustria.at.

7.4.5 Multimedia Manager

Inside this menu you can decide if you want to playback music or photo files. Use ▲▼ to select mode and press **OK** to proceed in the respective submenu.

7.4.5.1 Music

This menu will allow you to playback supported music files. Use ▲▼ ◀▶ or **P+/P-** as usual to navigate and confirm by pressing **OK**.

As this menu is not very different to the HDD Manager, please refer to chapter **7.4.4 HDD Manager** for a desciption of the multimedia buttons.

Legend of symbols:

	Press **OK** on this symbol to change from a subfolder to the main directory.
	Press **OK** on this symbol to change from a subfolder to the upper folder.
	Indicates a folder. Press **OK** on this symbol to open the selected folder.
	Indicates a file. Press **OK** on this symbol to start playback in preview mode. Press **OK** again to playback in fullscreen mode

Press the **RED** *Option* button to adjust the functions for playback (in preview and fullscreen mode).

For music files you can only adjust the *Repeat Mode*:

OFF	The file will not be repeated.
Once	The selected file will be repeated once. A symbol will be displayed accordingly.
All	All files of a folder will be repeated. A symbol will be displayed accordingly.
Random	The files of a folder will be repeated randomly. A symbol will be displayed accordingly.

For music files the info banner will stay displayed in fullscreen mode.

Press the **YELLOW** *Remove USB* button to safely remove the USB-device.

Press the **BLUE** *Format* button to format your connected USB device.

Press ⮕ to quit or to leave this menu.

WARNING:	The format function will delete all recordings, data and information from your USB device. STRONG will not take any responsibility for damaged or lost data on the USB device. Please always backup or copy important data from your USB device before using it with your receiver.

7.4.5.2 Photo

This menu will allow you to playback supported picture files. The functions for pictures does only slightly differ from the music playback.

Functions which differ are stated as below:

	A selected file will be immediately shown in preview mode. Press **OK** to playback in fullscreen mode.

For pictures the displayed options in the info banner vary depending on the selected repeat mode:

Press the **RED** *Option* button to adjust the functions for playback (in preview and fullscreen mode).

Use the **BLUE** *Rotate* button to turn the picture in another direction.

Use ◀▶ or ⏮ ⏭ to navigate to the previous or next picture.

For pictures the following *Options* can be adjusted:

Slide Time:	Use ◀▶ to adjust the display time of a picture. Available settings are *1 sec ~ 8 sec*.
Slide effect:	Use ◀▶ to adjust the transition style from one picture to the next. Available settings are *Normal*, *Shutter*, *Stretch*, *Zoom out*, *Insert*, *Mosaic* or *Transparency overlay*.
Repeat Mode	
OFF	The file will not be repeated
Once	This option has no effect
All	All files of a folder will be repeated. A symbol will be displayed accordingly.
Random	The files of a folder will be repeated randomly. A symbol will be displayed accordingly.

Press ⮆ to quit or to leave this menu.

7.5 Timer

In this menu you can adjust the time and programme timers. These submenus are available: *Time adjust* and *Set Timer*.

7.5.1 Time Adjust

This menu allows you to set the way the receiver collects and adjusts the time. You can also adjust the Auto Standby function here. Use ▲▼ to highlight the setting you wish to change and ◀▶ or **0~9** to change the value of the highlighted setting. Press **OK** for a list with all available options for the chosen setting.

Auto Time Setting:	Defines if the time is collected automatically via satellite, the default setting is *ON*. Use ◀▶ to select *OFF* if you prefer to set up the time manually.
GMT Offset:	When the *Auto Time Setting* is kept *ON* the receiver shows the current used offset. In case *Auto Time Setting* is *OFF* you can adjust the offset between: *+0:00 – -12:00* hours.
Summer time:	If *Auto Time Setting* is *OFF* you can adjust the summer time here.
Current Date:	If *Auto Time Setting* is *OFF* you can adjust the date here.
Current Time:	If *Auto Time Setting* is *OFF* you can adjust the current time here.
Auto Standby:	This function is a power saving feature that helps reducing power consumption. It switches the receiver to standby when no command has been given from the remote control for at least the set time. Possible settings are: *1H- 12H* and *OFF* to deactivate this function.

Standby after Timer setting: This function allows you to determine whether the receiver should switch to standby after the end of the programmed timer(s) *On*, or whether the receiver should remain switched on *Off*.

NOTE:	5 min after switching the receiver to standby it enters the deep sleep mode. In this time the receiver is able to start up quickly. Starting up from deep sleep takes approx. 1 min.

7.5.2 Set Timer

Timers can be used to schedule recordings or to switch to a certain channel at a specific time. It will help you not to miss your favourite events. Above the settings you will see the current date and timer displayed.

Timer Number	Use ◀▶ to select one of the ten available timers or press **OK** to list up.
Channel	With **OK** you can list the channel list in a new screen. Use ▲▼ or **P+/P-** to select a channel and press **OK** again to apply this channel.
Timer Type:	Choose between *Once*, *Daily* or *Weekly*.
Event Type:	Choose between *Record* or *Turn ON*.
Month:	Only available when *Timer Type* is *Once*. Use ◀▶ to select the month.
Date:	Only available when *Timer Type* is *Once*. Use ◀▶ to select the date.
Day:	Only available when *Timer Type* is *Weekly*. Use ◀▶ to select the day.
Time:	Use the **0~9** buttons to enter the time at which the timer should start.
Duration:	Use the **0~9** buttons to digit the duration of the timer. For duration of 45 min, just enter 45 and press **OK** or for 1h 30min, just enter 130 and press **OK**.
Enable:	Choose between *Yes* or *No*. You have to choose *Yes* if you want the timer to start at the set time.

By pressing the **YELLOW** *Summary* button you can check the set timers. Press the **RED** button to edit a set timer. Then you can choose between *Record* and *Turn ON* by using the ◀▶ buttons. Below you can change the *Timer type* to: *Once, Daily, Weekly, Weekends, Weekdays*. Enter the time with the **0 ~ 9** buttons if you want to change it. Select *OK* to change the timer or *Cancel* to cancel it. The **BLUE** button can be used to delete a timer and with the **YELLOW** button or ⮕ you can close this menu again. Timers set *Enable* to *Yes* are automatically available and stored in the *Summary*. When all settings have been made, press ⮕ to leave the menu. When returning to viewing mode the receiver will inform with a message that it saves your settings.

NOTE:	If one timer is in conflict with another or if the set time already has passed, the receiver will display a warning and ask how to solve the conflict.

8.0 TROUBLESHOOTING

There may be various reasons for abnormal operation of the receiver. Please check the receiver according to the procedures shown below. If the receiver does not work properly after checking it, please contact your local service line or STRONG dealer. Alternatively you can send a support mail via our website: www.strong.tv. NEVER open or disassemble your receiver. This may cause a dangerous situation and will void the warranty.

Symptom	Cause	Remedy
The display on front panel does not light up.	The power adapter is not plugged in or power switch OFF.	Check that the power adapter is plugged in to the wall outlet. Make sure power switch on rear panel is in ON position.
No picture or sound	Wrong connection or setting of the Audio/ Video output of the receiver to TV.	Connect the Audio/Video output of the receiver to TV correctly and check the adjusted settings in the menu Installation System Settings.
	Audio muted.	Press the button on TV or receiver.
	TV power off.	Turn TV on.
No picture	The receiver can't receive the signal.	Check the antenna cable, replace the cable, or connect the cable to the receiver tightly.
	Incorrect values of some tuner parameters.	Set the values of tuner parameters correctly in menu Installation Antenna Setup/Channel Search. Helpful websites are: http://de.kingofsat.net/ http://www.lyngsat.com/
	Wrong direction of the antenna.	Check the signal with a spectrum analyzer and adjust your antenna correctly.
No access to scrambled services	Expired subscription. Smart card awaiting new authorisation. No subscription for the selected channel.	Check your current subscription status in Conditional Access Irdeto CA System Product List Status together with your service provider. When receiver was powered off/disconnected from signal for longer it can take ~1-2h until a valid card is activated again. Switch to another channel.
The remote control does not work	The batteries of the remote control are not inserted, wrongly inserted or exhausted.	Check whether the batteries are inserted correctly or exhausted, if so replace the batteries in the remote control.
The USB storage device is not working properly.	Formatted incorrectly. Bigger sized HDD connected. USB 1.1/3.0 device connected.	Format USB device by receiver in menu Channel Manager HDD Manager. Bigger size HDD or HDDs with more partitions might need longer time to be detected. The receiver might not work properly with such an USB device or can't guarantee functionality with all available USB devices.
The external USB HDD does not start.	Power consumption is too high.	Connect an extra power supply adapter to your USB HDD device (max. supported 5 V/1A).
The receiver switches to Standby automatically.	Auto Standby function is activated and reached the adjusted time (default 3h).	In the menu Timer > Time Adjust you can adjust the Auto Standby time or disable it.

Symptom	Cause	Remedy
No recording, no fast forward/rewind during Timeshift	Due to license reasons it is possible that a recording cannot be performed with an ORF DIGITAL card that was activated prior to September 2011.	For encrypted channels the broadcasting rights of the provider may be limited and thus the recording and Timeshift functions may be constricted and fast forward/rewind may be limited or may not be possible or limited playable. Restrictions may be issued also via the analogue scart output (VCR or DVD recorder). Please contact ORF for a free replacement of your ORF DIGITAL card. Further information can be found online at: digital.orf.at or in the information included with the new ORF card.
No or limited playback, or Irdeto error message	A corresponding smart card is required for playback of encrypted images. If the additional offer of HD Austria is used, a receiver that is „paired" with the smart card can also be used for playback (up to 3 receivers can be "paired" with one smart card).	Check that you are using the smart card corresponding to your receiver. If in doubt, a recording can be selected in the HDD Manager and the smart card number displayed by pressing the OPT button.

For questions concerning AustriaSAT or HD Austria, please contact the service telephone: 0820 90 90 93 or visit www.austriasat.at or www.hdaustria.at.

9.0 SPECIFICATIONS

Demodulator

Demodulation:	QPSK, 8PSK (integrated in processor)
Input symbol rate:	2 ~ 45 MBaud for DVB-S
Inner code rate 1/2, 2/3, 3/4, 5/6, 7/8	
2 ~ 45MBaud for DVB-S2	
QPSK:	1/2, 3/5, 2/3, 3/4, 5/6, 8/9 & 9/10
8PSK:	3/5, 2/3, 3/4, 5/6, 8/9 & 9/10

Video Decorder

Profile level:	MPEG-2, MPEG-4, H.264/AVC
Aspect ratio:	4:3 and 16:9, Pan & Scan, Letterbox, combined
Frame rate:	25 Hz for PAL
Video output:	Scart: 576i, RGB/CVBS with copy protection
HDMI:	576p, 720p, 1080i, 1080p with HDCP

Audio Decoder

Audio decoding:	MPEG-1 Layer 1 & 2, Dolby Downmix
Audio mode:	Mono L/R, Stereo, Dolby® Digital Plus*
Transcoding for HDMI and S/PDIF:	Dolby® Digital + to Dolby® Digital Plus*

*Dolby Digital Plus and the double-D symbol are registered trademarks of Dolby Laboratories

Tuner

Type:	1 F Type, IEC169-24, Female
Chipset:	STV6111
Input frequency range:	950 – 2150 MHz
RF impedance:	75 Ohm unbalanced
Signal level:	-65 dBm ~ -20 dBm
LNB power:	13/18 V DC (± 1 V), max. 350 mA, overload protected
DiSEqC version:	1.0

Smart Card Reader

Number of slots:	1
Standard:	ISO 7816
Irdeto Version:	3.15.x (Irdeto PVR with DRM)

System & Memory

Main processor:	STi h237
Flash memory:	128 MB (NAND type) +2MB Loader Flash (SPI type)
SDRAM:	256 MB

Multimedia

Audio playback:	MP3*
Picture view:	JPG, JPEG, BMP*

*STRONG cannot guarantee the pvfiles although extensions are listed, as it depends on file size, codec, bit rate and resolution

Connectors

SAT IN
SAT OUT
HDMI
TV SCART (RGB, CVBS, Audio L/R output with volume control)
Digital audio S/PDIF coaxial

USB 2.0 port, Type A:	5 V/1 A (max.) supported

DC main power
Power switch

General Data

Supply voltage:	100 - 240 V AC 50/60 Hz
Output voltage:	12 V DC, 2.0 A
Power consumption:	max. 23.4 W, typ. 6.9 W
Power consumption in standby:	max. 0.5 W
Operating temperature:	0 ~ +40 °C
Storage temperature:	-10 ~ +50 °C
Operating humidity range:	10 ~ 85% RH, non-condensing
Size (W x D x H) in mm:	190 x 175 x 45
Weight:	0.59 kg

WICHTIGE UNTERLAGE FÜR DEN GEWÄHRLEISTUNGSFALL! BITTE UNBEDINGT AUFBEWAHREN!

All customers outside Germany or Austria please contact your local retailer for further service support information.

Sehr geehrter Kunde,

ergeben sich an Ihrem Gerät wider Erwarten technische Probleme, dann beachten Sie bitte folgende Punkte:

1. Rufen Sie bitte **ZUERST** unsere **HOTLINE** an – oft kann Ihnen unser Fachpersonal bei kleineren Problemen telefonisch weiterhelfen.

   DEUTSCHLAND: **0180 501 49 91**
   (0,14 Euro/Min. aus dem Festnetz; maximal 0,42 Euro/Min. aus Mobilfunknetzen)

   ÖSTERREICH: **0820 400 150**
   (0,12 Euro/Min. vom österreichischen Festnetz)

2. Halten Sie hierzu bitte Ihren Kaufbeleg, die genaue Typenbezeichnung und die Seriennummer des Gerätes bereit.

Dieser Service ist im Rahmen der gesetzlichen Gewährleistungsbestimmungen kostenlos. Davon ausgenommen sind Schäden durch Gebrauch und/oder Verschleiß (wie z.B. Batterie). Nach Ablauf der Gewährleistung bzw. bei Schäden, für die wir keine Gewährleistung übernehmen können, erhalten Sie umgehend einen Kostenvoranschlag. Zur Einsendung des Gerätes trennen Sie bitte die Gewährleistungskarte ab und senden Sie diese mit dem kompletten Gerät frei Haus an folgende Service-Anschrift:

DEUTSCHLAND: **STRONG Servicecenter • c/o Ahead • Industriestraße 3 • 49847 Wielen***

ÖSTERREICH: **STRONG Servicecenter • c/o Digital – Electronic – Center Service GmbH • Trillergasse 4 • Top E/21B • 1210 Wien***

Kunden können das Gerät mit ausgefüllter Gewährleistungskarte auch während der Öffnungszeiten abgeben: Mo bis Do von 8:30 bis 17:00 Uhr, Freitag von 8:30 bis 13:30 Uhr

ACHTUNG! **DIE GEWÄHRLEISTUNG IST NUR MIT AUSGEFÜLLTER GEWÄHRLEISTUNGSKARTE UND BEIGELEGTEM ORIGINALKASSENBELEG GÜLTIG. BITTE ACHTEN SIE DARAUF, DAS GERÄT GUT VERPACKT – AM BESTEN IM ORIGINALKARTON – EINZUSENDEN!**

*Adressänderung vorbehalten. Die aktuelle Adresse finden Sie auf unserer Website: www.strong.tv

GEWÄHRLEISTUNGSKARTE DEUTSCHLAND & ÖSTERREICH

Bitte füllen Sie alle folgenden Felder leserlich aus.

RMA Nummer: _____

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Geschäft: (nur auszufüllen, wenn unleserlich auf dem Originalbeleg)

Name: _____

Straße: _____

PLZ _____

Ort: _____

Tel: _____

Käufer:

Vorname/ Name: _____

Straße: _____

PLZ _____

Ort: _____

Tel: _____

Fehlerbeschreibung (Reklamationen können nur bei einer detaillierten Fehlerbeschreibung bearbeitet werden)

_____

_____

_____

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_____

Datum/ Unterschrift: _____

Gewährleistung für dieses Gerät ab Kaufdatum 24 Monate. Die Gewährleistungsbedingungen beschränken sich nur auf Deutschland und Österreich. Außerhalb dieser beiden Länder wenden Sie sich bitte an die Verkaufstelle, wo Sie dieses Gerät erworben haben. Ausgeschlossen von der kostenlosen Serviceleistung sind:

- Unsachgemäße Behandlung und Bedienung
- Aufspielen von nicht von STRONG autorisierter Software
- Beschädigung durch Dritte oder höhere Gewalt
- Transportschäden
- Eingriff durch nicht autorisierte Personen

Eine eventuell kostenpflichtige Reparatur kann nur nach Rücksprache mit Ihnen und auf ausdrücklichen Wunsch durchgeführt werden.

HOTLINE

AT 0820 400 150
support_at@strong.tv
€ 0,12/Min. österr. Festnetz

BG +359 32 634451
support_bg@strong.tv

CEE +36 1 445 26 10
support_hu@strong.tv

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support_de@strong.tv
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€ 0,42/Min. max. Mobilfunknetze

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